



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: LOWE et al.

Serial No.: 10/085,418

Group Art Unit: 1636

Filed: 28 February 2002

Examiner: Not yet assigned

For: GENE SILENCING

Attorney Docket No.: 109846-306 (SYN-047CN2)

**RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS AND  
SECOND PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

In response to the Notice to File Corrected Application Papers mailed on 20 August 2002, Applicants respectfully request that the following amendment to the above-referenced application be entered:

In the Specification:

Following page 32 of the specification, on a separate sheet, please insert the Abstract as set forth in Appendix A. A marked-up version of the Abstract is set forth in Appendix B.

REMARKS

The specification has been amended to insert an Abstract on a separate sheet, as requested in the Notice to File Corrected Application Papers mailed on 20 August 2002

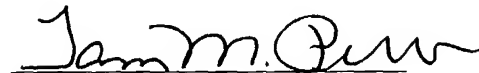
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(copy submitted herewith). A clean version and a marked-up version of the Abstract are set forth in Appendices A and B, respectively. No new matter has been added by way of this amendment.

Applicants respectfully submit that the application is complete in all respects and that the application proceed to examination.

Applicants are filing this Amendment within 2 months of the 20 August 2002 mailing date of the Notice to File Corrected Application Papers. Thus, Applicants believe that there are no fees due in connection with the filing of this Amendment. However, if there are any other fees due in connection with the filing of this Amendment, please charge the fees to Deposit Account 08-0219. Also, please charge any fees underpaid or credit any fees overpaid to the same Deposit Account.

Respectfully submitted,



Tamera M. Pertmer, Ph.D.  
Agent for Applicant  
Reg. No.: 47,856

Date: 17 Oct. 2002  
HALE AND DORR LLP  
60 State Street  
Boston, MA 02109  
Tel: (617) 526-6000  
Fax: (617) 526-5000

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**AMENDMENT TO SPECIFICATION – CLEAN VERSION**

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**APPENDIX B**

**AMENDMENT TO SPECIFICATION – MARKED-UP VERSION**

Following page 32 of the specification, on a separate sheet, please insert the following:

-- ABSTRACT

Constructs and methods for enhancing the inhibition of a target gene within an organism  
are provided and involve inserting into the gene silencing vector an inverted repeat sequence of all  
or part of a polynucleotide region within the vector. The inverted repeat sequence may be a  
synthetic polynucleotide sequence or may comprise a modified natural polynucleotide sequence. --